

780-1080nm In Line Isolator (1-20W)

Features

Low insertion loss
High extinction ratio and Isolation
Excellent environmental stability

Application

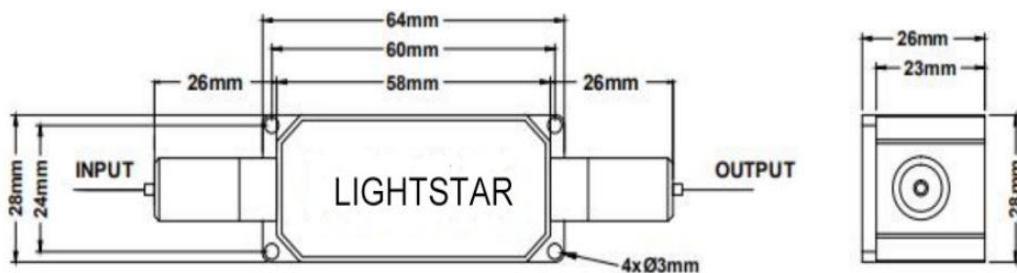
Laboratory investigation
Fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value
Central wavelength	nm	1064,1030, 980, 780 or Specified
Operating wavelength range	nm	±5
Typical peak Isolation @23°C	dB	30
Minimum isolation @23°C	dB	26
Typical insertion loss@23°C	dB	0.8
Maximum insertion loss@23°C	dB	1.0
Minimum extinction ratio@23°C (Polarization-maintaining Fiber type)	dB	20
Maximum polarization dependent loss@23°C (Single mode Fiber type)	dB	0.15
Minimum return loss(input port/output port)	dB	45
Maximum average power	W	0.3, 1,5, 10 or Specified
Maximum peak of pulse Power	kW	10 or Specified
Package dimensions	mm	58x28x26
Maximum tensile load	N	5
Operating temperature	°C	+10~+50
Storage temperature	°C	0~+60

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

HPMIS-①①①①-②-③-④④④-⑤⑤-⑥-⑦-⑧-⑨

①①①①:Wavelength
1064=1064nm
1030=1030nm
SSSS=Specify

②:Rank
S=Single-core

③:Working axis
B=Bi-axial operation
F=Fast axle cutoff

④④④:Fiber type
003=PM980
004=HI1060
SSS=Specify

⑤⑤: Power
00=300mw
10=10W
SS=Specify

⑥:Package dimensions
M=58x28x26mm

⑦:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑧:Length
H=0.5m
1= 1.0m
S=Specify

⑨:Connector type
0=None
1=FC/UPC
2=FC/APC
S=Specify